

Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney Docket No. S-100,612	Serial No. 10/607,589
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Applicant(s) Betty S. Jorgensen et al.	
		Filing Date 06/26/2003	Group 1724
37 CFR 1.98(b)			

U.S. PATENTS DOCUMENTS

EXAMINER INITIAL	PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUB CLASS	FILING DATE
RHS	RE 26065	07/19/1966	Carl S. Marvel et al.	260	47	
RHS	2895948	07/21/1959	Keith Clark Brinker et al.	260	78.4	10/28/1955
RHS	3699038	10/17/1972	Abraham A. Boom	210	23	04/22/1970
RHS	3720607	03/13/1973	Willard C. Brinegar	210	23	04/15/1970
RHS	3737042	06/05/1973	Abraham A. Boom	210	321	01/20/1972
RHS	3822202	07/02/1974	Harvey Herbert Hoehn	210	23	11/02/1972
RHS	4020142	04/26/1977	Howard J. Davis et al.	264	347	04/26/1977
RHS	4154919	05/15/1979	Martin B. Sheratte	528	186	08/31/1986

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EXAMINER INITIAL	PATENT NUMBER	ISSUE DATE	COUNTRY	CLASS	SUB CLASS	Translation YES NO

OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

RHS	J. S. Young, B. S. Jorgensen, B. F. Espinoza, M. W. Weimer, G. D. Jarvinen, Christopher J. Orme, Alan K. Wertsching, Eric S. Peterson, Vivek Khare, Alan R. Greenberg, and Scott Hopkins, "Polymeric-Metallic Composite Membranes for High-Temperature Applications, pp. 1-7, published November (2001)
RHS ✓	Herward Vogel and C. S. Marvel, "Polybenzimidazoles, New Thermally Stable Polymers," Journal of Polymer Science, Vol. L, pp. 511-639, (1961)
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RHS ✓	Robert C. Dye et al., "Meniscus Membranes for Separations," U. S. Application S/N 09/826,484, filed april 4, 2001

EXAMINER:

Robert H. Spitzer

DATE CONSIDERED:

February 15, 2005

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RHS			4	4	4	8	6	8	7	05/15/1984	Donald G. J. Wang	210	500	42/47/1982
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RHS	✓	M. E. Rezac and W. J. Koros, "Preparation of Polymer-Ceramic Composite Membranes with Thin Defect-Free Separating Layers," Journal of Applied Polymer Science, Vol. 46, pp. 1927-1938, (1992)												
RHS	✓	W. J. Koros and G. K. Fleming, "Membrane-Based Gas Separation," Journal of Membrane Science, Vol. 83, pp. 1-80, (1993)												
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RHS	✓	Claudia Staudt-Bickel and William J. Koros, "Improvement of CO ₂ /CH ₄ Separation Characteristics of Polyimides by Chemical Crosslinking," Journal of Membrane Science, Vol. 155, pp. 145-154, (1999)												
RHS	✓	Y. Liu, C. Pan, M. Ding, and J. Xu, "Effect of Crosslinking Distribution on Gas Permeability and Permselectivity of Crosslinked Polyimides," European Polymer Journal, Vol. 35, pp. 1739-1741, (1999)												
RHS	✓	William J. Koros and Rajiv Mahajan, "Pushing the Limits of Possibilities for Large Scale Gas Separation: Which Strategies?," Journal of Membrane Science, vol. 175, pp. 181-196, (2000)												
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Robert H. Spitzer										February 15, 2005				
*EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.														